



PATENT

46356

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hiroshi ONO et al.

Serial No.: 10/780,558

Filed: February 19, 2004

For: NEWSPRINT PAPERS

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

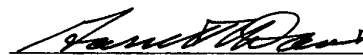
In accordance with 37 C.F.R. § 1.97 and § 1.98, Applicants bring the disclosures attached and listed on completed Form PTO-1449 to the Examiner's attention and request that they be considered and made of record in this application.

Prior Art Document	Explanation of Relevancy
(1) JP-B2 No. H5-41755 (with an English Abstract)	This document relates to a lubricant which is a lubricant for pigment coated paper having a low molecular weight polyethylene modified product as the component.
(2) JP-A No. S58-8200 (with an English translation of the bibliographic data in the front page and claim 1)	This document relates to a lubricant which is a lubricant for paper coating having a carboxylic acid salt and a styrenic polymer as the components.
(3) JP-B2 No. H2-15677 (with an English translation of the bibliographic data in the front page and claim 1)	A sizing agent of the alkenyl-ketene dimer type for paper making.
(4) JP-A No. S63-28997 (with an English translation of the bibliographic data in the front page and claim 1)	A sizing agent of the alkenyl-ketene dimer type for paper making.
(5) JP-A S62-125094	A sizing agent of the alkenyl-ketene dimer type for paper making.
(6) USP 6,123,760	Corresponds to JP-A-S62-125094 above.

Prior Art Document	Explanation of Relevancy
(7) JP-B2 No. H7-65280 (with an English translation of the bibliographic data in the front page and claim 1)	A sizing agent of the alkenyl-ketene dimer type for paper making.
(8) Japanese Patent JP-B2 No. 3041622 (with an English Abstract)	A sizing agent of the alkenyl-ketene dimer type for paper making which is an internal sizing agent, and the paper added with this sizing agent is also described in claim.
(9) JP-A No. H4-361687 (with an English Abstract)	A sizing agent of the alkenyl-ketene dimer type for paper making.
(10) JP-A No. H4-361688 (with an English Abstract)	A sizing agent of the alkenyl-ketene dimer type for paper making.
(11) JP-A No. 2002-528658	A sizing agent of the alkenyl-ketene dimer type for paper making.
(12) EP 0 220 941	Corresponds to JP-A 2002-528658 above.
(13) JP-A No. H7-119078 (with an English Abstract)	This prior art is to produce paper for newspapers by coating a surface sizing agent having a ketene dimer compound as the effective component on the raw paper for newspapers by a gate roll coater.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

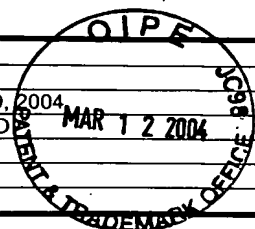


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Dated: March 11, 2004

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/780,558
		Filing Date	February 19, 2004
		First Named Inventor	Hiroshi ONO
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	46356	



U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <i>(if known)</i>			
		US-6,123,760	09-26-2000	VARNELL	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number- Kind Code <i>(if known)</i>				
		JP 5-41755	06-24-1993	Yoshihiro et al.	English abstract	
		JP 58-8200	01-18-1983	Uemura et al.	Partial English translation	
		JP 2-15677	04-12-1990	Urushibata et al.	Partial English translation	
		JP 63-28997	02-06-1988	Urushibata et al.	Partial English translation	
		JP 62-125094	06-06-1987	Varnell		
		JP 7-65280	07-12-1995	Urushibata et al.	Partial English translation	
		JP 3041622	03-10-2000	Masatomi et al.	English abstract	
		JP 4-361687	12-15-1992	Junji et al.	English abstract	
		JP 4-361688	12-15-1992	Junji et al.	English abstract	
		JP 2002-528658	09-03-2002	Shepherd et al.		
		EP 0 220 941	05-06-1987	Shepherd et al.		
		JP 7-119078	05-09-1995	Noriaki	English abstract	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publishers, city and/or country where published	T

Examiner Signature		Date Considered	
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